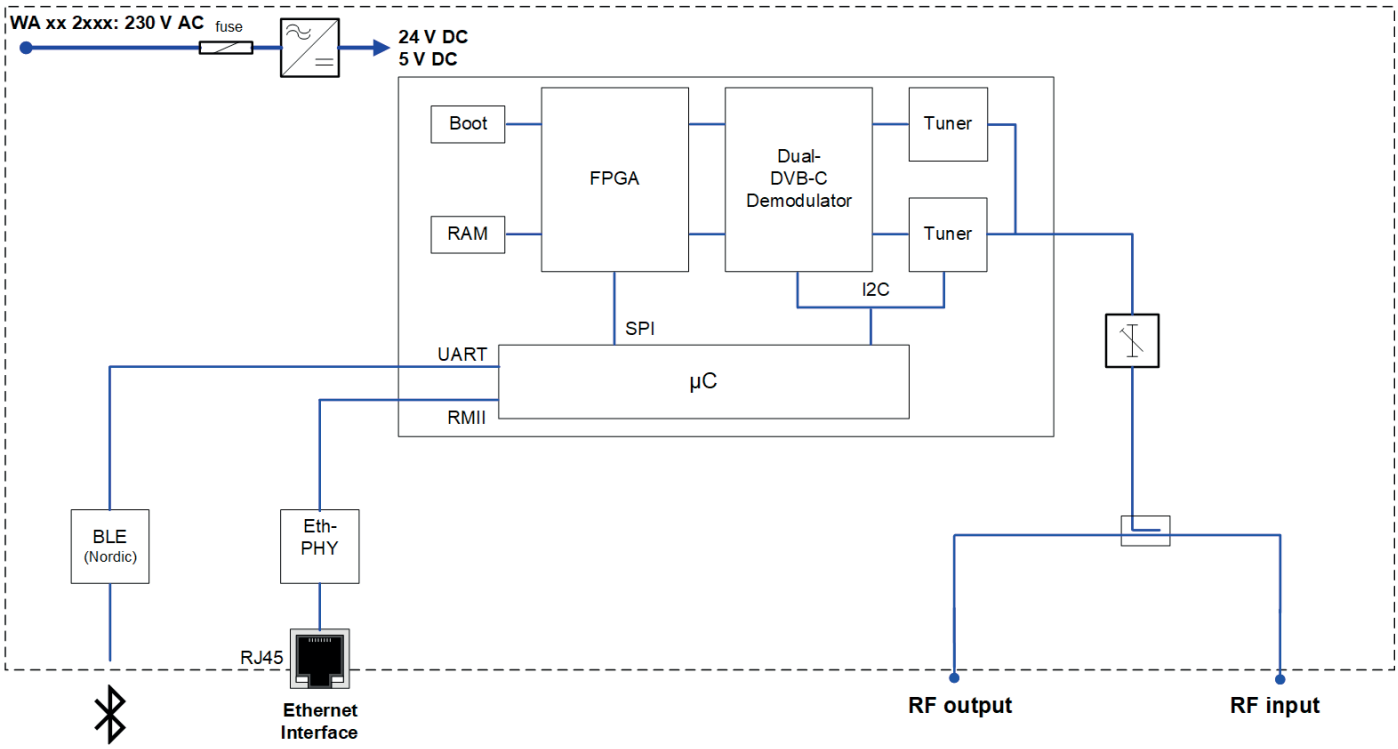
Product information

WISI WA 45

Transport stream analyzer

At a glance:

- Stand-alone Device for CATV-Systems in rough area
- RF-measurement direct or loop through
- Ethernet connector RJ45
- Powered via 230VAC power supply alternative 65VAC
- Dual DVB-C tuner for continuous scanning
- Downloadable channel table
- QAM RF and MPEG TS signal quality measurement
- TR 101 290 first priority



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Technical data	
RF parameters	
Frequency range in-out	5...1218 MHz
Frequency range TS-Analyzer	42...1002 MHz
Impedance	75 Ω
Input level range	70...120 dBµV
Through loss 5 MHz	max. 0,5 dB
Through loss 300 MHz	max. 0,6 dB
Through loss 600 MHz	max. 0,7 dB
Through loss 1002 MHz	max. 0,9 dB
Return loss 5 MHz	min. 19 dB
Return loss 300 MHz	min. 18 dB
Return loss 600 MHz	min. 17 dB
Return loss 1002 MHz	min. 16 dB
Number of RF tuner	2 independent
Channel bandwidth	6 and 8 MHz
Symbol rate	1...7,2 MS/s
Modulation	16-, 32-, 64-, 128-, 256-QAM
Compliance	ITU-J83 Annexes A,B,C
TS-Analyzer Functionality	
RF parameter Power	dBµV
RF parameter Modulation	n-QAM
RF parameter SNR	<40 dB
RF parameter BER	Number
RF parameter Uncorrs	Number
TR 101 290 1st Priority kpl´s	
1. TS Sync Loss	Loss of synchronisation with consideration of hysteresis parameters. failed: Sync loss of 3 sequent TS packets. passed: Sync OK of 5 sequent TS packets.
2. Sync Byte Error	Sync byte not equal 0x47
3. PAT Error	PID 0x0000 does not occur at least every 0,5s. PID 0x0000 does not contain a table_id 0x00. Scrambling control field not 00 for PID 0x0000.
4. CC Error	Incorrect packet order. Packet occurs more than twice. Packet lost.
5. PMT Error	Sections with table_id 0x02 do not occur at least every 0,5s on the PID which is referred to in the PAT. Scrambling_control_field is not 00 for all PIDs containing sections with table_id 0x02.
6. PID Error	Referred PID does not occur for a user specified period.
Information	Sync Loss Count; Error Mpeg Count; Pid Continuity Error Count; Pid Repetition Error Count; Channel / Service / Pid summary; Service components type and structure; Power / Frequency

Technical data	
Reporting	TCP/IP via Ethernet RJ45 - Optional Bluetooth LE Link Manager Protocol Ver.4.1 1. Device via App. Android 4.3 or higher 2. Host to LR2x
General data	
Supply voltage	230 V AC (± 10%)
Power consumption	<10 W
Dimensions (width x height x depth)	232 x 145 x 86 mm (Aluminium Die Cast)
RF connector in, out	PG11, interchangeable connector 3,5/12 or F-Type
Ethernet Connector	RJ45
Power connector	Euro-Plug
Protection class	IP 6x
Electro Magnetic Compatibility (EMC)	EN 50083-2
Operating temperature range	-20...+55 °C
Storage temperature	-25...+75 °C

WA 45 x xxxx

- Custom options:
  0 – default (none)
- Device configuration/aggregation:
  1 – default (no BT)
  B – bluetooth configuration support (client)
  M – bluetooth device management (host)
- Management:
  1 – 10/100 Mbps
- Power Supply:
  2 – local powered 230V AC EU
- Version:
  D – dual decoder
- Typ of device:
  45 – DVB-C Analyzer